

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000087.D
 Acq On : 19 Sep 2019 19:02
 Operator : SY/MD
 Sample : K4878-28
 Misc : 4.69g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA2-1-4

Quant Time: Sep 20 03:55:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	96104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	192038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	140271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	34865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	57946	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	7.72	113	56349	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.18	98	222534	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.48	95	50831	29.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.96%	

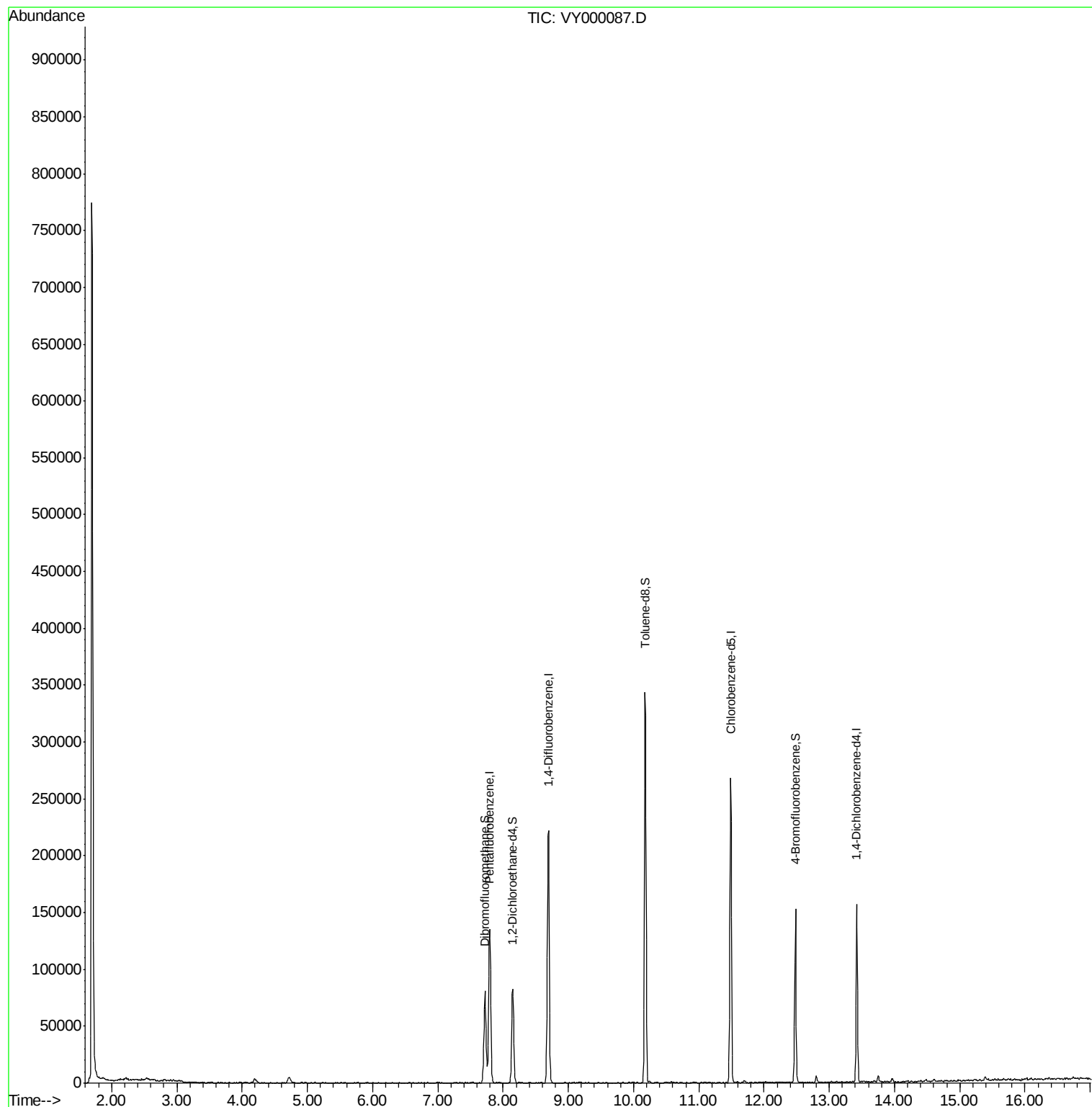
Target Compounds Qvalue

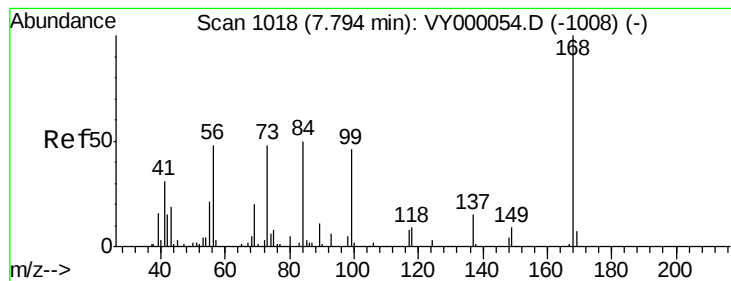
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000087.D

Acq: 19 Sep 2019 19:02

Instrument :

MSVOA_Y

ClientSampleId :

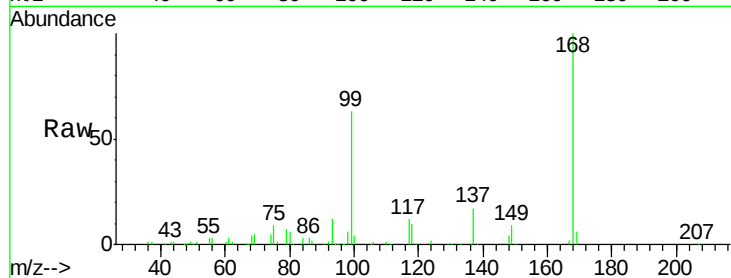
CSA2-1-4

Tot Ion:168 Resp: 96104

Ion Ratio Lower Upper

168 100

99 63.2 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000054.D (-1008) (-)

Ion 98.90 (98.60 to 99.60): VY000054.D (-1008) (-)

7.79

40000

30000

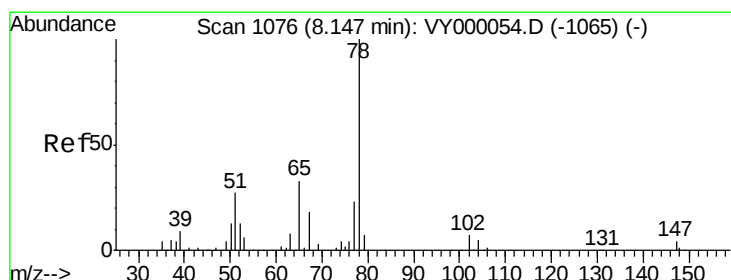
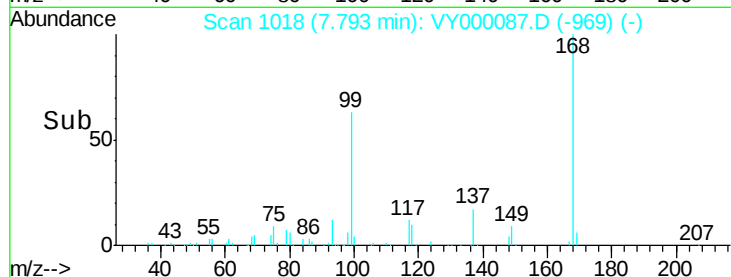
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.407 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000087.D

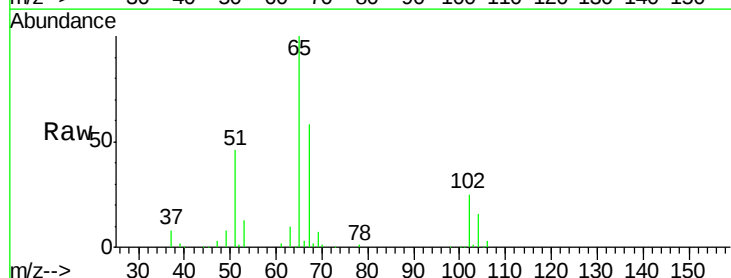
Acq: 19 Sep 2019 19:02

Tgt Ion: 65 Resp: 57946

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY000054.D (-1065) (-)

Ion 66.90 (66.60 to 67.60): VY000054.D (-1065) (-)

8.15

30000

25000

20000

15000

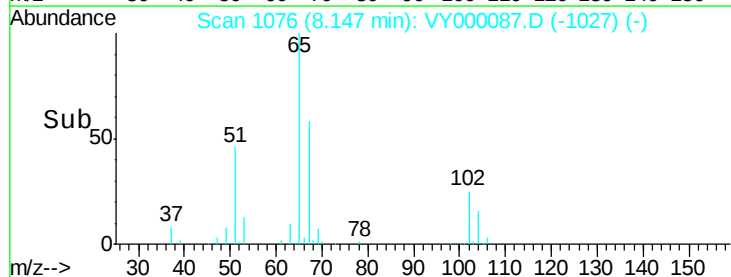
10000

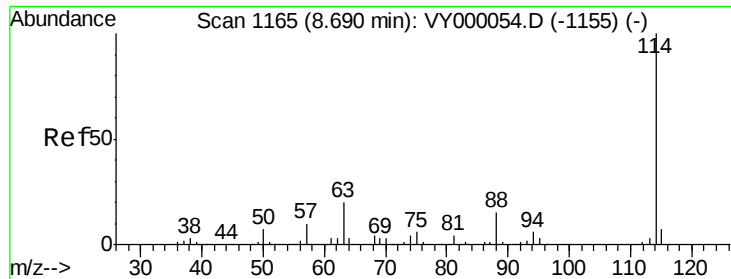
5000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1166

Delta R.T. 0.01 min

Lab File: VY000087.D

Acq: 19 Sep 2019 19:02

Instrument :

MSVOA_Y

ClientSampleId :

CSA2-1-4

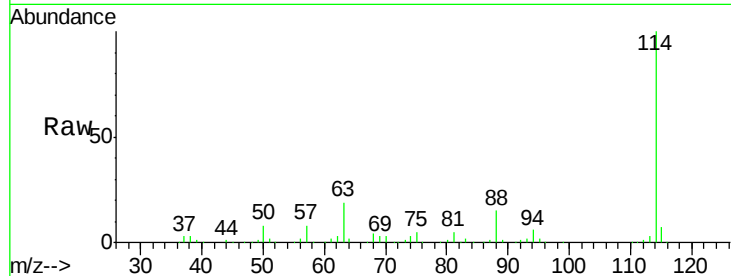
Tot Ion:114 Resp: 192038

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.4

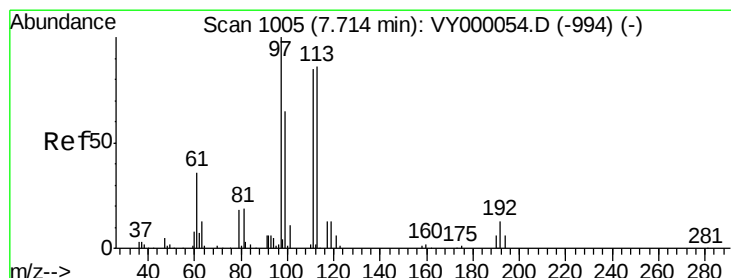
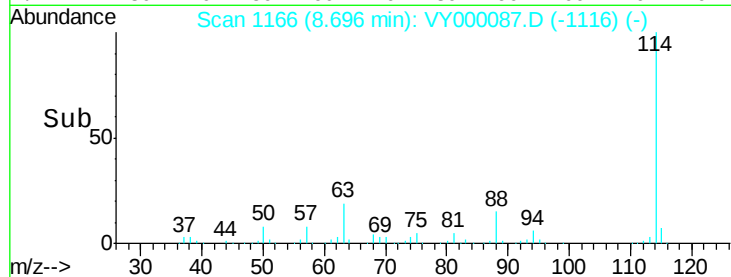
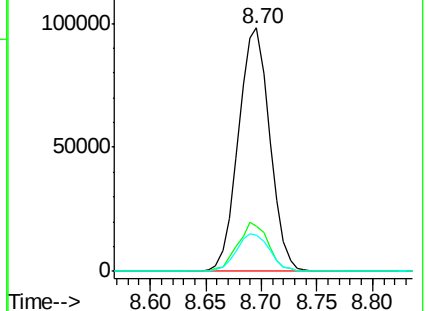
88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 48.462 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VY000087.D

Acq: 19 Sep 2019 19:02

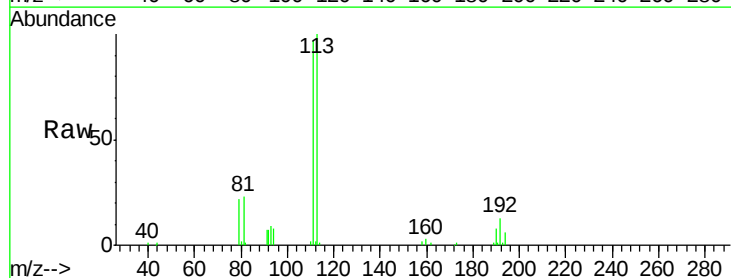
Tgt Ion:113 Resp: 56349

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

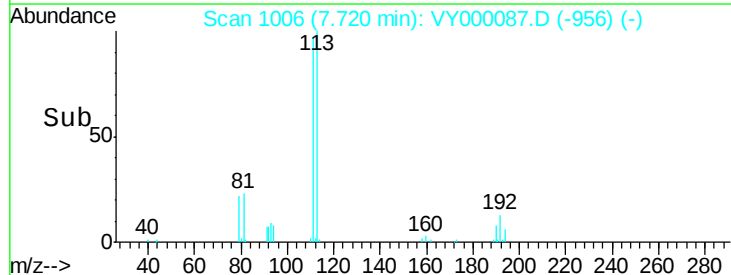
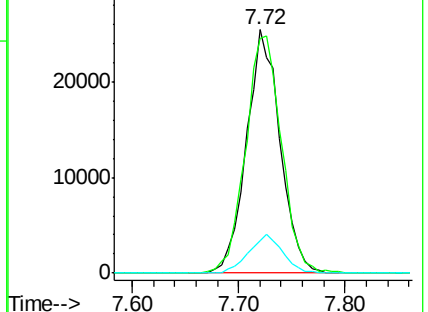
192 16.0 13.4 20.2

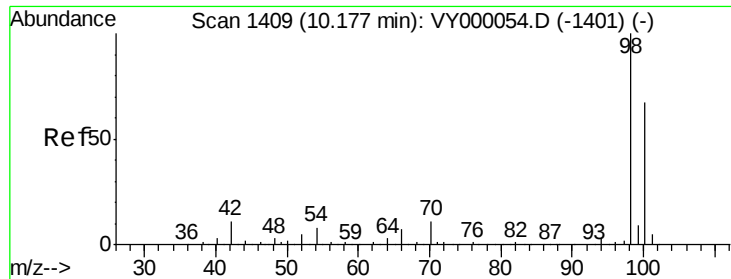


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.728 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000087.D

Acq: 19 Sep 2019 19:02

Instrument :

MSVOA_Y

ClientSampled :

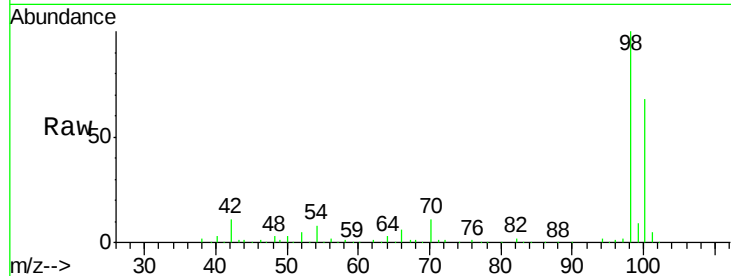
CSA2-1-4

Tot Ion: 98 Resp: 222534

Ion Ratio Lower Upper

98 100

100 67.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

150000

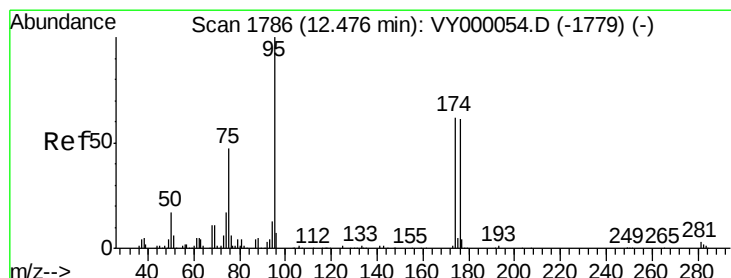
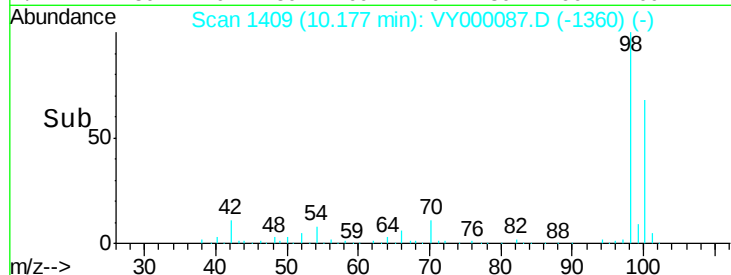
10.18

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.979 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000087.D

Acq: 19 Sep 2019 19:02

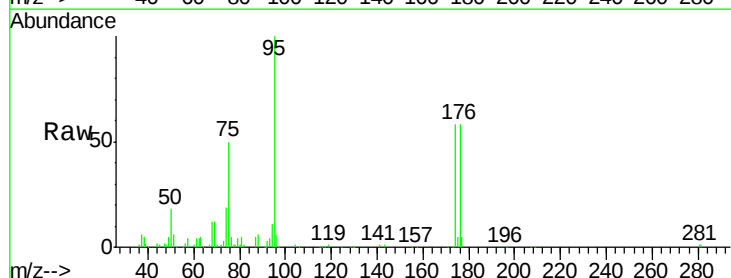
Tgt Ion: 95 Resp: 50831

Ion Ratio Lower Upper

95 100

174 67.7 0.0 137.2

176 63.2 0.0 135.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

40000

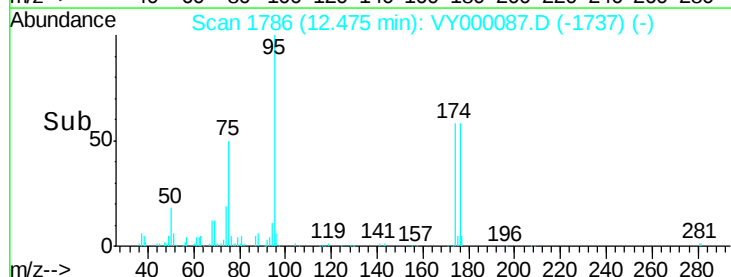
30000

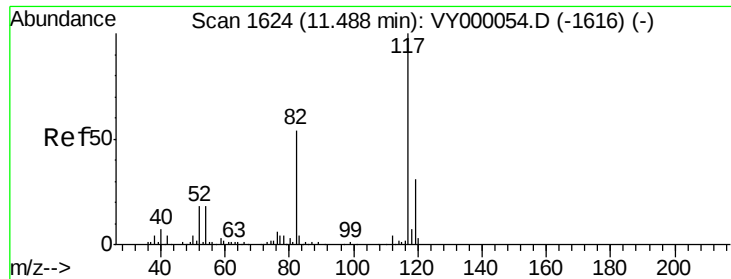
20000

10000

0

Time-->

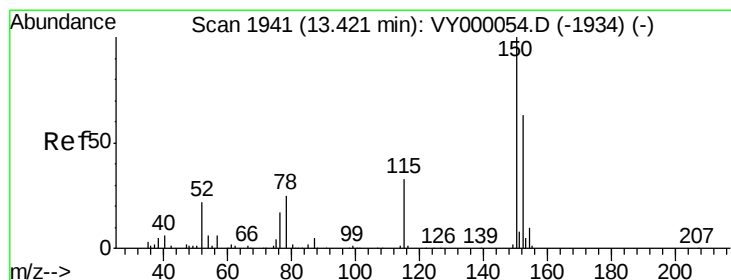
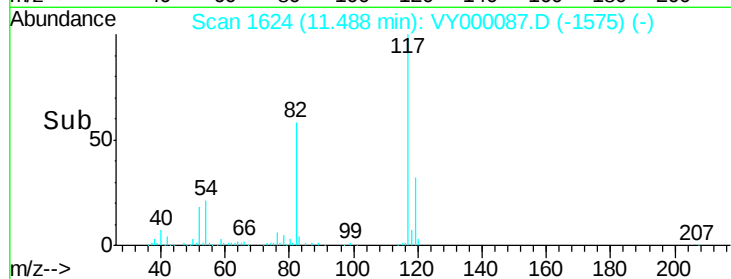
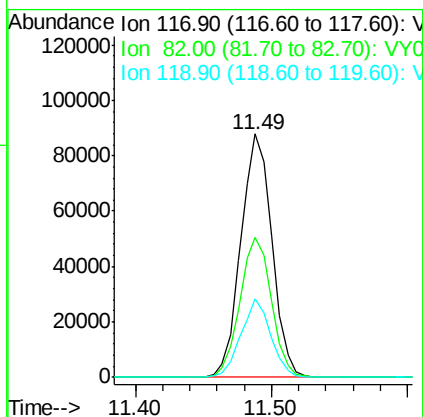
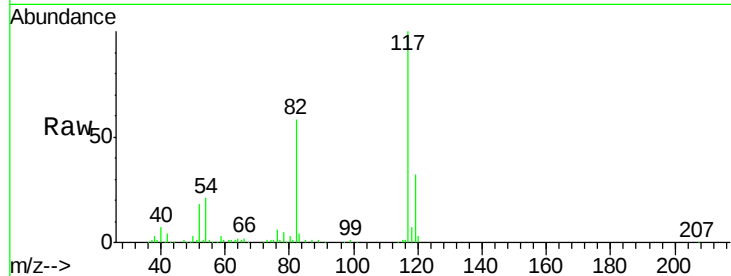




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000087.D
Acq: 19 Sep 2019 19:02

Instrument :
MSVOA_Y
ClientSampleId :
CSA2-1-4

Tot Ion:117 Resp: 140271
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 32.4 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000087.D
Acq: 19 Sep 2019 19:02

Tgt Ion:152 Resp: 34865
Ion Ratio Lower Upper
152 100
115 61.7 30.7 92.1
150 156.3 0.0 351.6

